

CLAIMS

1. A sealing, trimming or guiding strip for a window frame of a vehicle, comprising a length of extruded material (19) extending along and forming part of the strip, a portion of the extruded material along part only of the length thereof having been removed and replaced with moulded material (63,93,103,107,200) which is moulded onto and thereby connected to the extruded material (19); characterised in that the extruded material (19) includes a channel (23) for receiving a flange (25) of the window frame and a rigid reinforcing carrier (31) embedded within the extruded material (19) in the region corresponding to the channel (23), and by the channel (23) remaining as part of the strip after removal of said portion of the extruded material, by the moulded material (63,93,103,107,200) forming a window pane (58) receiving surface at the interior side of the window pane (58), and by the extruded material (19) extending from the channel (23) and having a window pane (58) receiving surface at the exterior side of the window pane (58) and a generally oppositely facing surface directly visible from the exterior of the vehicle, this extended extruded material also remaining as part of the strip after removal of said portion of the extruded material.
2. A strip according to claim 1, in which the moulded material (63,93,103,107,200) is extended to form a closed loop.
3. A strip according to claim 2, in which the length of extruded material (19) beyond the said portion thereof extends from the closed loop.
4. A strip according to any preceding claim, in which the moulded material (63,93,103,107,200) includes at least one integral formation for securing the moulded part to the window frame.
5. A strip according to claim 4, in which the or each formation comprises an

aperture (67,208) in the moulded part through which a clamping member (69,210) passes.

6. A strip according to claim 5, in which the clamping member (69,210) is attached to a pane of glass (68) and the glass (68) is secured to the window frame by the passage of the clamping member (69,210) through the aperture (67,208) in the moulded part and through a further aperture in the window frame.

7. A strip according to claim 4, in which the or each formation comprises a clamping member (105) integrally formed with the moulded material (63,93,103,107,200) for cooperating with corresponding formations in the window frame.

8. A strip according to claim 4, in which the or each formation comprises a clamping member (109) embedded in the moulded material (63,103,107,93,200) for cooperating with corresponding formations in the window frame.

9. A strip according to claims 5 or 6, further comprising a rigid member (202) embedded in the moulded material (63,103,107,200,93) and having an aperture (204) therein through which the clamping member (69,210) passes.

10. A strip according to any preceding claim, in which the extruded material (19) includes a plurality of integral formations (33) for securing the extruded part (19) to the window frame.

11. A strip according to any preceding claim, including an elongate rigid member (95) into which a portion of the strip is fitted.

12. A strip according to claim 11, in which the moulded material

(63,93,103,107,200) is fitted into the rigid member (45) so as to clamp a pane of glass (68) fitted in said moulded material (63,93,103,107,200).

13. A strip according to claim 11 or 12, in which the rigid member (95) also accommodates a further length of extruded material (81) having a glass pane (58) receiving channel (83).

14. A strip according to claim 11, 12 or 13, in which the rigid member (95) is of substantially H shape.

15. A strip according to claim 8, wherein the embedded clamping member (109) includes a rigid base portion extending towards the channel (23) so as to increase the force required to remove the strip from the window frame.

16. A strip according to claim 9, wherein the embedded rigid member (202) extends towards the channel (23) so as to increase the force required to remove the strip from the window frame.

17. A strip according to any one of the preceding claims, in which the extruded material (19) includes a limb (43) forming at least a part of a glass pane (58) receiving channel, a portion of the glass pane (58) receiving channel being removed by removal of said portion of the extruded material.

18. A method of forming a sealing, trimming or guiding strip for a window frame, comprising extruding a length of material (19) to form part of the strip, removing a portion of the extruded material along part only of the length thereof, and replacing the said portion with moulded material (63,93,103,107,200) which is moulded onto and thereby connected to the extruded material (63,93,103,107,200); characterised in that the extruded material (19) includes a channel (23) for receiving a flange (25) of

the window frame and a rigid reinforcing carrier (31) embedded within the extruded material (19) in the region corresponding to the channel (23), and by the channel (23) remaining as part of the strip after removal of said portion of the extruded material, by the moulded material (63,93,103,107,200) forming a window pane (58) receiving surface at the interior side of the window pane (58), and by the extruded material (19) extending from the channel (23) and having a window pane (58) receiving surface at the exterior side of the window pane (58) and a generally oppositely facing surface directly visible from the exterior of the vehicle, this extended extruded material also remaining as part of the strip after removal of said portion of the extruded material.

19. A method according to claim 18, in which the moulded material (63,93,103,107,200) is extended to form a closed loop.

20. A method according to claim 19, in which the length of extruded material (19) beyond the said portion thereof is extended from the closed loop.

21. A method according to any one of claims 18 to 20, in which the moulded material (63,93,103,107,200) includes at least one integral formation for securing the moulded part to the window frame.

22. A method according to claim 21, in which the or each formation comprises an aperture (67,208) in the moulded part (63,93,103,107,200) through which a clamping member (69,210) passes.

23. A method according to claim 22, in which the clamping member (69,210) is attached to a pane of glass (68) and the glass (68) is secured to the window frame by the passage of the clamping member (69,210) through the aperture (67,208) in the moulded part (63,93,103,107,200) and through a further aperture in the window frame.

24. A method according to claim 21, in which the or each formation comprises a clamping member (105) integrally formed with the moulded material (63,93,103,107,200) for cooperating with corresponding formations in the window frame.

25. A method according to claim 21, in which the or each formation comprises a clamping member (109) embedded in the moulded material (63,93,103,107,200) for cooperating with corresponding formations in the window frame.

26. A method according to claims 22 or 23, wherein a rigid member (202) is embedded in the moulded material (63,93,103,107,200) and has an aperture (204) therein through which the clamping member passes (69,210).

27. A method according to any one of claims 18 to 26, in which the extruded material (19) includes a plurality of integral formations (33) for securing the extruded part (19) to the window frame.

28. A method according to any one of claims 18 to 27, including providing an elongate rigid member (95) into which a portion of the strip is fitted.

29. A method according to claim 28, in which the moulded material (63,93,103,107,200) is fitted into the rigid member (95) so as to clamp a pane of glass (68) fitted in said moulded material (63,93,103,107,200).

30. A method according to claim 28 or 29, in which the rigid member (95) also accommodates a further length of extruded material (81) having a glass pane (58) receiving channel (83).

31. A method according to claim 28, 29 or 30, in which the rigid member (95) is of substantially H shape.

32. A method according to claim 25, wherein the embedded clamping member (109) includes a rigid base portion extending towards the channel (23) so as to increase the force required to remove the strip from the window frame.

33. A method according to claim 26, wherein the embedded rigid member (202) extends towards the channel (23) so as to increase the force required to remove the strip from the window frame.

34. A method according to any one of claims 18 to 33, in which the extruded material (19) is provided with a limb (43) forming at least a part of a glass pane (58) receiving channel, a portion of the glass pane (58) receiving channel being removed by removal of said portion of the extruded material.

35. A method according to claim 34, in which the limb (43) has an embedded rigid member (300) therein for reducing the tendency for the limb (43) to bend as it emerges from an extruder device used to form the strip.

36. A strip according to claim 17, wherein the limb (43) has an embedded rigid member (300) therein for reducing the tendency for the limb (43) to bend as it emerges from an extruder device used to form the strip.